

## **AWEX-G Forecast for Sunday, Nov. 16 (Nov 17 UT)**

Forecast (updated 7:20pm CST): SE winds around 10mph. Partly cloudy with high bases until after midnight, then low-based clouds and rain. **Conditions should be OK for launches until midnight, maybe for a couple of hours after midnight.**

Synopsis: 00Z [surface analysis](#): Low at west end of OK panhandle.

[OK mesonet](#): Light SE winds. Temps in the mid 50s, dewpoints in the high 40s.

[Grant County forecast](#): Tonight. Mostly clear then mostly cloudy with a 50 percent chance of showers and thunderstorms after midnight. Lows in the lower 50s. Southeast winds 10 to 15 mph.

[RUC cloud forecast](#): Low cloud cover through most of the period.

Tomorrow's Outlook: Mostly cloudy, high-based. Windy.

Tuesday's Outlook: Clear and windy. Progression of system should be fast enough to clear out the skies, but not quite fast enough to slow the winds down by Tue. night.

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**Observations at SGP@0200 UTC: very clear. RUC model seems to be predicting cloud advance too early...**

**The plan: early (~0300 UT) launch of RS-80, RS-90, Sippican/SW, Intermet. Second launch (and even third for AIRS coordination) if weather permits.**

**What happened: First launch as planned successful under mostly clear conditions. SRL showing thin cirrus occasionally at 9.5km. 0330: Cloud to the west seem to be advancing through the OK panhandle. Winds are light, light fog visible by 0400 UT. 0500 UTC observation: cirrus gone. Second launch of RS-80, RS-90, Intermet, Sippican/SW occurred at ~0540 UT. SRL operational from ~0230 - 0700 UT. Clouds advancing rapidly making coverage of AIRS overpass undesirable.**